



GC 1105

Page 2 of 5
Not entered

- see info
amend of
3/7/97

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: J. Bednorz et al.

Date: February 10, 1997

Serial No.: 08/303,561

Group Art Unit: 1105

Filed: September 9, 1994

Examiner: D. McGinty

RECEIVED

MAR - 5 1997

For: NEW SUPERCONDUCTIVE COMPOUNDS HAVING HIGH
TRANSITION TEMPERATURE, AND METHODS FOR THEIR
USE AND PREPARATION

The Commissioner of Patents and Trademarks
Washington, D.C.

AMENDMENT

Sir:

In response to the Office Letter dated January 8, 1997, please consider the
following:

IN THE CLAIMS

Add claims 114-122.

114. (Added) A method including the steps of forming copper oxide having a phase
therein which exhibits a superconducting state at a critical temperature in excess of
26°K;

maintaining the temperature of said material at a temperature less than said critical
temperature to produce said superconducting state in said phase;

passing an electrical supercurrent through said copper oxide while it is in said



THE UNITED STATES PATENT AND TRADEMARK OFFICE

Amendment/Response Transmittal

In re application of: J. Bednorz et al.

Serial No.: 08/303,561

Filed: September 9, 1994

For: NEW SUPERCONDUCTIVE COMPOUNDS HAVING HIGH
TRANSITION TEMPERATURE, AND METHODS
FOR THEIR USE AND PREPARATION

Commissioner of Patents and Trademarks
Washington, D.C. 20231

RECEIVED
MAR - 5 1997
GROUP 1100

Sir:

Transmitted herewith for filing is an Amendment/Response in the above-identified Application.

- ☐ No additional fee is required.
- ☐ The fee has been calculated as shown below:

(Col. 1)	(Col. 2)	(Col. 3)	Other Than Small Entity	
CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	
TOTAL *	MINUS	**	=	
INDEPENDENT *	MINUS	***	=	
<input type="checkbox"/> 1ST PRESENTATION OF MULTIPLE DEP. CLAIMS				
			RATE	ADDITION- AL FEE
			x \$22.00=	\$ 110.00
			x \$80.00=	\$ 400.00
			\$260.00	\$
			TOTAL	\$ 510.00

- * If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.
- ** If the "Highest No. Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.
- *** If the "Highest No. Previously Paid For" (Total or Independent) is the highest number found from the equivalent box in Col. 1 of a prior amendment or the number of claims originally filed.

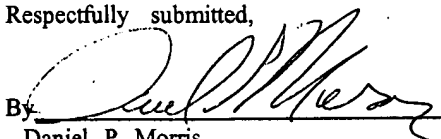
- ☒ Please charge Deposit Account No. 09-0468 any fee necessary to enter this paper.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 09-0468. A duplicate copy of this sheet is enclosed.
- ☒ Any additional filing fees required under 37 C.F.R. §1.16.

☒ Any patent application processing fees under 37 C.F.R. §1.170.00CH Y0987-074BY.
BF07095 02/27/97 08303561 09-0468 070 103 110.00CH Y0987-074BY

Date: February 10, 1997

IBM CORPORATION
Intellectual Property Law Dept.
P.O. Box 218
Yorktown Heights, NY 10598
Tel. No. (914) 945-3217

Respectfully submitted,

By: 
Daniel P. Morris
Attorney
Registration No. 32,053

BEST AVAILABLE COPY



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Date: February 10, 1997

J. Bednorz et al.

Group: 1105

Serial No.: 08/303,561

Examiner: D. McGinty

Filed: September 9, 1994

Docket No. YO987-074BY

For: NEW SUPERCONDUCTIVE COMPOUNDS HAVING
HIGH TRANSITION TEMPERATURE, AND METHODS FOR
THEIR USE AND PREPARATION

Commissioner of Patents and Trademarks
Washington, D.C. 20231

CERTIFICATE OF MAILING UNDER 37 CFR 1.8(a)

I hereby certify that the attached correspondence comprising:

Amendment
Amendment/Response Transmittal Sheet
Acknowledgement card

is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

**Commissioner of Patents and Trademarks
Washington, DC 20231**

on February 10, 1997

Sandra Emma

(Print name of person mailing paper)

Sandra Emma

(Signature of person mailing paper)